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VOLUMES ON AVERAGE ACRES

IN THE PRINCIPAL UNITS OF THE NAVAL-STORES REGION

A Progress Report

by

THE SOUTHERN FOREST SURVEY

I. F. Eldredge

Regional Survey Director

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E. L. Demmon, Director

New Orleans, La.

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FOREWORD

The nation-wide Forest Survey, being made by the United States Forest Service, was authorized by the McSweeney-McNary Forest Research Act of 1928. Its five-fold object is: (1) to make an inventory of the present supply of timber and other forest products, (2) to ascertain the rate at which this supply is being increased through growth, (3) to determine the rate at which this supply is being diminished through industrial and local use, windfall, fire, and disease, (4) to determine the present requirement and the probable future trend in the requirement for timber and other forest products, and (5) to correlate these findings with existing and anticipated economic conditions, in order that policies can be formulated for the effective use of land suitable for forest production.

In the South, the Forest Survey functions as an activity of the Southern Forest Experiment Station with headquarters at New Orleans, La.

This release contains Forest Survey data that will be included in complete reports to be published later. It should therefore be regarded as a progress report. Although considered reliable, the data are subject to correction or amplification as the work of computation proceeds.

Staff Assignment

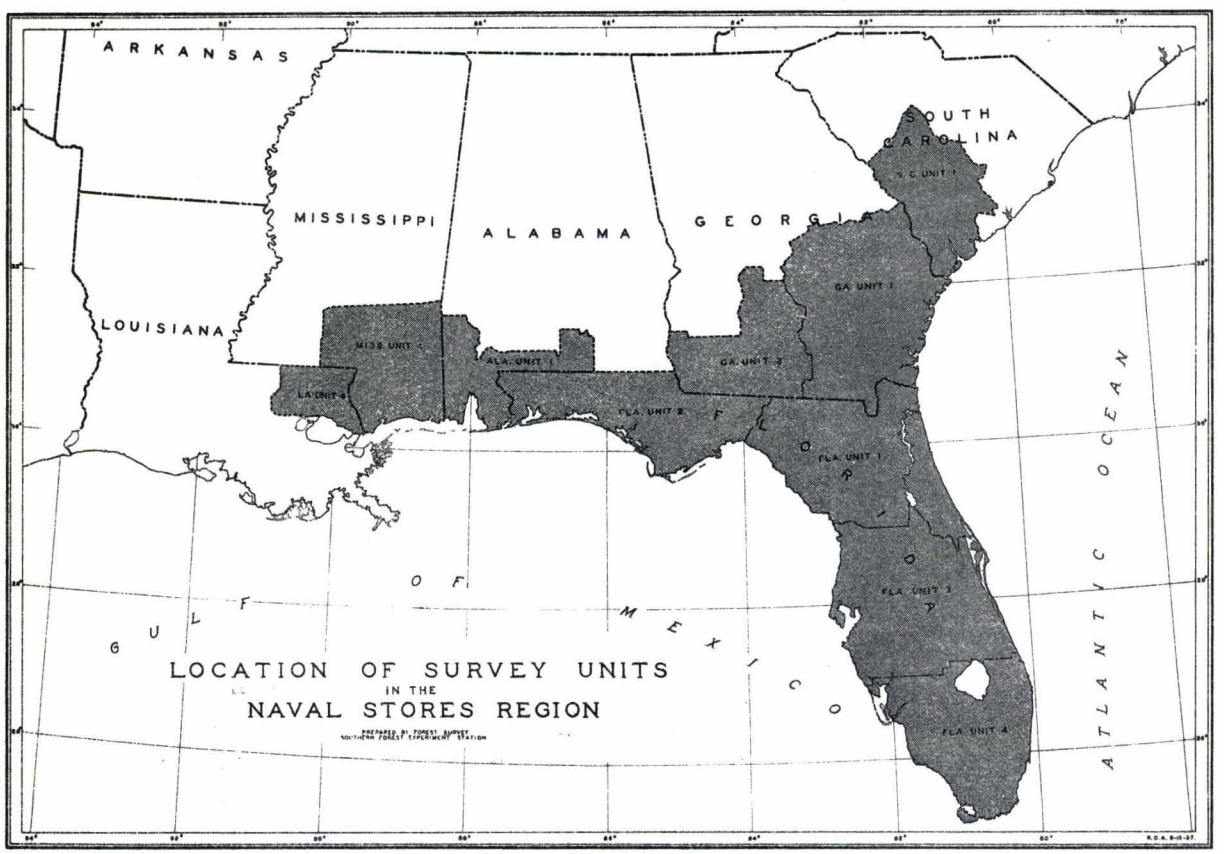
Preparation of Report
F. A. Ineson - Forest Economist

In Charge of Field Work
M. M. Lehrbas - Silviculturist
J. W. Cruikshank - Associate Forest Economist
E. B. Faulks - Associate Forest Economist

In Charge of Computations
P. R. Wheeler - Associate Forest Economist

VOLUMES ON AVERAGE ACRES IN THE PRINCIPAL UNITS OF THE NAVAL-STORES REGION

To aid in understanding the forest situation in the naval-stores region, in the accompanying tables data are presented showing the board-foot and cordwood volumes on average acres in its nine principal survey units. 2/ Data on average-acre volumes representative of large forest areas that are practically homogeneous have several uses. When presented by forest conditions, they indicate the relative degree of stocking and volume of each condition; when species and types are considered, they indicate the composition of each type. Such data may also be used in estimating roughly the volumes of large forest areas within the region, whenever an estimate can be made of the acreage in each forest condition and type within the area being considered.



The Forest Survey in the naval-stores region gathered data from nearly 80,000 quarter-acre plots regularly distributed (see map). The survey crews noted the class of land use; and on forest plots they recorded the forest type and condition, and tallied the trees by species and diameter-classes, in order that volumes in board feet and in cords might be computed. These records were used as a basis for figures on the forest situation within each survey unit.

1/ In the tables, La. Unit No. 4 and Miss. Unit No. 4 are combined. Also no tables are given for Florida Unit No. 4, although this unit is included in the general discussion of the region.

More than 44 million acres, or 70 percent of the total area included within the region, was found to be forest land. Twelve distinctive forest types were recognized, in which the species designating the type constituted at least 75 percent of the board-foot volume in sawlog-size stands, or 75 percent of the dominant and codominant trees in under-sawlog-size stands. In order to simplify the presentation of average-acre figures, these 12 types have been assembled into 4 groups, namely, turpentine pine, nonturpentine pine, hardwood, and cypress.[2/] The species making up each type-group are shown in the tables. Turpentine pines are separated into those which are still round or unworked and those which are being or have been worked for naval stores; hardwoods are divided into two groups, pulping and nonpulping species.[2/]

Stands having the characteristics of the original mature forests of the region, are called "old growth." Young stands which have come in as a result of cutting or other causes are called "second growth"; these are classified as reproduction, under-sawlog size, or sawlog size, depending upon their stage of development.[2/] If 10 percent or more of the board-foot volume in sawlog-size stands has been removed, such stands are known as "partly cut." The lower limits of volume per acre of old-growth or second-growth sawlog-size stands, as here classified, represent the lightest stands generally included in commercial operations. In old-growth stands the lower limits used were 1,000 board feet of hardwood, or hardwood and pine mixed, or 600 board feet of pine alone; while in second-growth sawlog-size stands the lower limits were 600 and 400 board feet of all species for the uncut and partly-cut stands, respectively. When the stands were reduced by cutting below this minimum and failed to show a satisfactory stocking of young growth or reproduction, they were considered "clear-cut."

The volume of each species-group on an average acre shown in the tables represents a combination of the many variations in site, age, and density of stands in the respective forest type-groups and conditions in each unit. In using these data to estimate the volumes of large forest areas within the region, therefore, the variation of the area in question from the average pattern of the survey unit must be taken into consideration. Also it should be noted that the relative accuracy of these average-volume figures increases with the size of the area upon which they are based. The areas in each forest type-group and condition in each unit are given in the Appendix to aid in understanding the relative accuracy of average-acre data. Where the area of a given type-group and condition is 100,000 acres or larger, one can be assured that the volume-per-acre figures are reasonably accurate; for areas less than 100,000 acres, the per-acre figures should be used with caution. These area figures can also be used in conjunction with the average volumes to compute the total volumes in the various stands of each survey unit.

2/ See Appendix for detailed list of types within each type-group, for list of species within each species-group, and for definitions of forest conditions.

The board-foot figures are based on the International $\frac{1}{4}$-inch kerf rule, which closely approximates green lumber tally. Only sound live trees of commercial species are included. The volume of the stem is included to the upper limit of usable sawlog material rather than to a fixed top-diameter. Round pines and cypress trees 9 inches d.b.h. and larger, hardwood trees 13 inches d.b.h. and larger, and turpentined pines at least 9 inches d.b.h. (10 feet above the ground) were considered merchantable if 50 percent of their volume was sound and if they would produce one 12-foot usable log. Turpentined butts (approximately 8 feet long) are included in the figures, but all figures are net, deductions having been made for both woods and mill cull, i.e., for those portions of the tree which could not be manufactured into lumber on account of rot, fire and turpentine scars, crooks, bad knots, or other defects.

The cordwood figures are for the entire stand of sound live trees (not including culls) 5 inches d.b.h. and larger, expressed in terms of standard cords (4 x 4 x 8 feet), including bark. All of the sawlog material shown in board feet is included also in the cordwood figures. For under-sawlog-size trees of all species and for sawlog-size pines, the stem is included up to a variable top-diameter, with 4 inches as a minimum. Only the sawlog portion of hardwoods and cypress is included. Allowance has been made for woods cull, and no volume in limbs has been included for any species.

SOUTH CAROLINA UNIT NO. 1

Table 1.--Net volume on the average acre by species-group, forest type-group, and forest condition

Forest type and species-group	Board-foot volume based on International 1/4-inch rule						Cordwood volume of good trees, including bark					
	Old growth		Second growth			All conditions 2/	Old growth		Second growth			All conditions 2/
	Uncut	Partly cut	Sawlog size		Under sawlog size 1/		Uncut	Partly cut	Sawlog size		Under sawlog size 1/	
			Uncut	Partly cut					Uncut	Partly cut		
	Board feet						Cords					
Turpentine pine types:												
Turpentine pine:												
Round	3,776	2,220	1,406	946	152	790	9.2	5.1	6.8	5.0	1.7	3.8
Worked	1,702	1,605	872	714	86	494	4.4	4.3	3.7	2.4	0.6	2.0
Nonturpentine pines	1,404	750	510	761	45	291	3.7	2.4	1.7	2.4	0.3	1.0
Pulping hardwoods	727	170	42	171	3	45	2.5	1.4	0.7	1.0	0.2	0.5
Nonpulping hardwoods	31	108	17	91	7	19	0.2	1.7	0.2	0.4	0.1	0.2
Cypress	118	3	89	98	11	41	0.4	0.1	0.4	0.4	0.1	0.2
All species	7,758	4,856	2,936	2,781	304	1,680	20.4	15.0	13.5	11.6	3.0	7.7
Nonturpentine pine types:												
Turpentine pines	129	141	133	78	14	90	0.3	0.4	0.6	0.4	0.1	0.3
Nonturpentine pines	10,584	3,546	4,156	2,679	301	3,294	24.6	9.2	13.0	9.0	2.5	10.0
Pulping hardwoods	1,619	918	462	411	34	447	7.2	6.2	3.6	3.3	1.2	3.2
Nonpulping hardwoods	1,301	260	279	117	33	268	5.1	1.6	1.9	1.2	0.5	1.6
Cypress	253	119	28	23	4	44	0.8	0.3	0.1	0.1	negl.	0.2
All species	13,886	4,984	5,058	3,308	386	4,143	38.0	17.7	19.2	14.0	4.3	15.3
Hardwood types:												
Pines	190	98	198	161	21	116	0.6	0.3	0.6	0.5	0.1	0.4
Pulping hardwoods	4,827	3,505	2,894	2,557	133	2,053	18.2	14.9	14.2	11.5	2.2	9.6
Nonpulping hardwoods	2,158	849	923	1,153	107	728	7.4	4.1	4.6	5.8	1.3	3.4
Cypress	232	260	211	147	9	134	0.7	0.7	0.7	0.4	negl.	0.4
All species	7,407	4,712	4,226	4,018	270	3,031	26.9	20.0	20.1	18.2	3.6	13.8
Cypress types:												
Pines	316	51	552	238	7	248	0.8	0.2	1.4	0.9	0.1	0.7
Pulping hardwoods	5,373	2,894	2,738	1,943	62	2,295	20.4	14.4	15.3	11.8	3.8	12.0
Nonpulping hardwoods	808	134	231	95	-	218	3.3	1.3	1.9	0.3	0.6	1.5
Cypress	4,130	1,944	3,840	2,781	361	2,443	11.3	7.0	12.7	9.4	3.1	8.4
All species	10,627	5,023	7,361	5,057	430	5,204	35.8	22.9	31.3	22.4	7.6	22.6
All types (weighted averages):												
Turpentine pine:												
Round	314	601	460	164	74	278	0.8	1.4	2.2	0.9	0.8	1.3
Worked	155	453	279	107	41	172	0.4	1.2	1.2	0.4	0.3	0.7
Nonturpentine pines	5,232	1,247	2,175	2,014	114	1,476	12.2	3.4	6.8	6.7	0.9	4.5
Pulping hardwoods	3,042	1,828	894	708	42	763	12.0	8.8	5.3	4.4	1.0	4.2
Nonpulping hardwoods	1,483	419	325	237	35	291	5.4	2.5	1.9	1.6	0.5	1.6
Cypress	550	308	217	175	19	164	1.6	1.0	0.8	0.6	0.1	0.5
All species	10,776	4,856	4,350	3,405	325	3,144	32.4	18.3	18.2	14.6	3.6	12.8

1/ Does not include areas of reproduction or clear-cut forest conditions.
2/ Includes areas of reproduction and clear-cut forest conditions.

GEORGIA UNIT NO. 1

Table 2.—Net volume on the average acre by species-group, forest type-group, and forest condition

Board-foot volume based on International 1/4-inch rule

Cordwood volume of good trees, including bark

Forest type and species-group	Old growth		Second growth			All conditions 2/	Old growth		Second growth			All conditions 2/
	Uncut	Partly cut	Sawlog size: Uncut	Sawlog size: Partly cut	Under sawlog size 1/		Uncut	Partly cut	Sawlog size: Uncut	Sawlog size: Partly cut	Under sawlog size 1/	
	Board feet						Cords					
Turpentine pine types:												
Turpentine pine:												
Round	1,413	438	469	350	60	241	4.6	2.1	3.5	2.6	1.6	2.0
Worked	2,878	2,217	1,488	1,148	208	817	8.7	6.9	6.5	5.0	1.4	3.5
Nonturpentine pines	374	163	234	376	29	116	1.1	0.5	0.8	1.3	0.2	0.4
Pulping hardwoods	227	267	110	264	3	70	2.8	2.3	1.7	3.5	0.1	1.0
Nonpulping hardwoods	23	7	14	28	2	7	0.3	0.1	0.1	0.4	0.1	negl.
Cypress	486	291	100	148	20	78	2.1	1.3	0.5	0.7	0.2	0.4
All species	5,401	3,383	2,415	2,314	322	1,329	19.6	13.2	13.1	13.5	3.6	7.3
Nonturpentine pine types:												
Turpentine pines	157	245	236	108	31	152	0.5	0.8	1.0	0.6	0.3	0.7
Nonturpentine pines	5,196	2,491	3,592	2,242	323	2,445	13.2	6.7	11.0	7.2	2.3	7.5
Pulping hardwoods	769	797	344	493	36	348	4.0	5.8	3.2	3.7	0.7	2.8
Nonpulping hardwoods	505	284	274	288	32	220	2.4	1.5	1.7	1.7	0.5	1.3
Cypress	179	52	47	3	4	40	0.4	0.2	0.1	negl.	negl.	0.1
All species	6,806	3,869	4,493	3,134	426	3,205	20.5	15.0	17.0	13.2	3.8	12.4
Hardwood types:												
Pines	116	82	206	60	37	105	0.3	0.3	0.6	0.3	0.2	0.3
Pulping hardwoods	4,882	3,478	2,204	1,488	122	2,251	18.6	15.2	14.5	12.4	2.4	11.2
Nonpulping hardwoods	2,764	1,781	770	743	52	1,124	9.1	6.8	3.8	3.8	0.7	4.4
Cypress	281	145	123	163	22	131	0.8	0.4	0.4	0.5	0.1	0.4
All species	8,043	5,486	3,303	2,454	233	3,611	28.8	22.7	19.3	17.0	3.4	16.3
Cypress types:												
Pines	399	98	160	-	36	132	1.1	0.5	0.5	-	0.2	0.5
Pulping hardwoods	1,590	1,046	1,844	-	22	919	9.6	10.7	16.4	-	2.7	8.6
Nonpulping hardwoods	389	222	260	-	-	182	1.6	1.1	2.7	-	0.1	1.1
Cypress	2,723	2,341	1,910	-	211	1,634	8.9	7.7	6.8	-	2.3	5.9
All species	5,101	3,707	4,174	-	269	2,867	21.2	20.0	26.4	-	5.3	16.1
All types (weighted averages):												
Turpentine pine:												
Round	397	285	361	216	52	189	1.3	1.4	2.6	1.6	1.3	1.5
Worked	730	1,372	1,071	665	166	597	2.2	4.2	4.7	2.9	1.2	2.6
Nonturpentine pines	1,182	458	829	946	53	426	3.0	1.3	2.6	3.1	0.3	1.3
Pulping hardwoods	2,677	913	386	475	18	392	11.1	5.7	3.4	4.6	0.4	2.6
Nonpulping hardwoods	1,468	340	140	192	9	174	5.1	1.4	0.8	1.2	0.2	0.8
Cypress	480	439	118	102	23	121	1.6	1.6	0.5	0.4	0.2	0.5
All species	6,934	3,807	2,905	2,596	321	1,899	24.3	15.6	14.6	13.8	3.6	9.3

1/ Does not include areas of reproduction or clear-cut forest conditions.
2/ Includes areas of reproduction and clear-cut forest conditions.

GEORGIA UNIT NO. 2

Table 3.—Net volume on the average acre by species-group, forest type-group, and forest condition

Forest type and species-group	Board-foot volume based on International 1/4-inch rule						Cordwood volume of good trees, including bark					
	Old growth		Second growth			All conditions 2/	Old growth		Second growth			All conditions 2/
	Uncut	Partly cut	Sawlog size: Uncut	Sawlog size: Partly cut	Under sawlog size 1/		Uncut	Partly cut	Sawlog size: Uncut	Sawlog size: Partly cut	Under sawlog size 1/	
	Board feet						Cords					
Turpentine pine types:												
Turpentine pine:												
Round	4,096	574	790	404	110	389	10.8	2.1	4.4	2.3	1.9	2.5
Worked	2,620	2,075	1,415	1,325	215	807	6.8	6.1	5.7	5.8	1.3	3.1
Nonturpentine pines	212	145	204	233	32	97	0.6	0.4	0.7	0.8	0.2	0.3
Pulping hardwoods	274	90	57	58	3	33	2.8	0.9	0.5	0.9	0.1	0.3
Nonpulping hardwoods	38	37	17	9	3	10	0.5	0.2	0.1	negl.	negl.	0.1
Cypress	169	84	16	72	8	22	0.4	0.4	0.1	0.3	0.1	0.1
All species	7,409	3,005	2,499	2,101	371	1,358	21.9	10.1	11.5	10.1	3.6	6.4
Nonturpentine pine types:												
Turpentine pines	282	276	337	271	57	214	0.7	1.0	1.4	1.0	0.3	0.9
Nonturpentine pines	8,027	2,907	3,564	2,845	363	2,517	18.6	7.5	11.2	8.6	2.9	7.8
Pulping hardwoods	1,278	564	211	244	40	258	5.5	3.9	1.9	1.4	0.6	1.8
Nonpulping hardwoods	895	378	154	113	47	184	3.4	1.5	1.0	0.8	0.4	1.0
Cypress	10	-	4	-	-	2	negl.	negl.	negl.	-	negl.	negl.
All species	10,492	4,125	4,270	3,473	507	3,175	28.2	13.9	15.5	11.8	4.2	11.5
Hardwood types:												
Pines	202	189	279	134	64	139	0.7	0.6	0.8	0.5	0.3	0.5
Pulping hardwoods	3,296	1,733	2,306	428	84	1,134	13.7	8.1	12.5	4.0	1.8	6.1
Nonpulping hardwoods	1,368	731	769	429	41	454	4.8	3.3	3.7	2.1	0.7	2.1
Cypress	96	258	129	71	5	91	0.2	0.6	0.4	0.2	negl.	0.2
All species	4,962	2,911	3,483	1,062	194	1,818	19.4	12.6	17.4	6.8	2.8	8.9
Cypress types:												
Pines	229	250	312	-	-	130	0.7	0.8	1.2	-	negl.	0.5
Pulping hardwoods	1,542	399	63	-	-	259	9.5	1.8	0.5	-	0.8	1.6
Nonpulping hardwoods	104	-	-	-	-	7	1.5	negl.	-	-	-	0.1
Cypress	2,979	2,295	3,417	2,625	130	1,486	8.5	9.5	11.5	13.4	3.2	6.6
All species	4,854	2,944	3,792	2,625	130	1,882	20.2	12.1	13.2	13.4	4.0	8.8
All types (weighted averages):												
Turpentine pine:												
Round	967	379	596	302	84	291	2.5	1.4	3.2	1.6	1.5	1.8
Worked	568	1,286	1,062	884	160	588	1.5	3.8	4.3	3.9	0.9	2.3
Nonturpentine pines	2,588	481	900	846	72	456	6.1	1.3	2.8	2.6	0.5	1.4
Pulping hardwoods	1,943	512	245	132	19	211	8.7	2.8	1.6	1.2	0.4	1.3
Nonpulping hardwoods	875	223	97	68	14	93	3.3	1.0	0.6	0.4	0.2	0.5
Cypress	229	244	41	130	9	60	0.6	0.9	0.2	0.6	0.1	0.3
All species	7,170	3,125	2,941	2,362	358	1,699	22.7	11.2	12.7	10.3	3.6	7.6

1/ Does not include areas of reproduction or clear-cut forest conditions.
2/ Includes areas of reproduction and clear-cut forest conditions.

FLORIDA UNIT NO. 1

Table 4.—Net volume on the average acre by species-group, forest type-group, and forest condition

Board-foot volume based on International 1/4-inch rule

Forest type and species-group	Old growth		Second growth			All conditions 2/
	Uncut	Partly cut	Sawlog size: Uncut	Sawlog size: Partly cut	Under sawlog size 1/	
	Board feet					
Turpentine pine types:						
Turpentine pine:						
Round	4,108	706	811	717	111	461
Worked	1,459	1,497	1,036	1,058	130	508
Nonturpentine pines	100	51	90	133	13	38
Pulping hardwoods	249	44	12	56	3	18
Nonpulping hardwoods	46	34	16	19	1	9
Cypress	864	287	124	188	15	94
All species	6,826	2,619	2,089	2,171	273	1,128
Nonturpentine pine types:						
Turpentine pines	238	298	243	180	48	161
Nonturpentine pines	4,596	2,313	3,046	2,409	307	2,054
Pulping hardwoods	554	351	245	312	6	206
Nonpulping hardwoods	611	298	216	221	22	197
Cypress	35	147	6	5	-	20
All species	6,034	3,407	3,756	3,127	383	2,638
Hardwood types:						
Pines	240	106	57	51	43	93
Pulping hardwoods	2,723	2,402	902	772	35	1,038
Nonpulping hardwoods	1,857	1,001	438	468	22	582
Cypress	630	536	92	89	13	232
All species	5,450	4,045	1,489	1,380	113	1,945
Cypress types:						
Pines	373	207	161	63	95	222
Pulping hardwoods	250	171	132	241	16	158
Nonpulping hardwoods	100	46	25	-	3	50
Cypress	4,818	3,204	2,452	1,607	376	2,966
All species	5,541	3,628	2,770	1,911	490	3,396
All types (weighted averages):						
Turpentine pine:						
Round	1,216	379	657	473	82	332
Worked	439	771	825	685	96	358
Nonturpentine pines	652	177	458	734	28	200
Pulping hardwoods	1,303	735	101	173	10	230
Nonpulping hardwoods	869	318	68	96	8	133
Cypress	1,436	853	174	210	23	276
All species	5,915	3,233	2,283	2,371	247	1,529

Cordwood volume of good trees, including bark

Forest type and species-group	Old growth		Second growth			All conditions 2/
	Uncut	Partly cut	Sawlog size: Uncut	Sawlog size: Partly cut	Under sawlog size 1/	
	Cords					
Turpentine pine types:						
Turpentine pine:						
Round	10.9	2.3	4.9	3.6	2.1	2.7
Worked	3.8	4.3	4.5	4.7	0.9	2.1
Nonturpentine pines	0.4	0.2	0.3	0.4	0.1	0.1
Pulping hardwoods	2.0	0.7	0.4	1.0	0.1	0.3
Nonpulping hardwoods	0.5	0.2	0.1	0.1	-	0.1
Cypress	3.2	1.2	0.7	1.0	0.1	0.4
All species	20.8	8.9	10.9	10.8	3.3	5.7
Nonturpentine pine types:						
Turpentine pines	0.7	0.9	1.0	0.6	0.3	0.6
Nonturpentine pines	11.5	6.4	10.4	7.6	2.4	6.6
Pulping hardwoods	3.1	1.9	1.8	2.3	0.4	1.4
Nonpulping hardwoods	2.8	1.8	1.5	1.3	0.3	1.2
Cypress	0.1	0.4	negl.	negl.	negl.	0.1
All species	18.2	11.4	14.7	11.8	3.4	9.9
Hardwood types:						
Pines	0.7	0.3	0.3	0.7	0.2	0.3
Pulping hardwoods	11.1	11.5	6.5	3.6	0.6	4.9
Nonpulping hardwoods	7.0	5.4	2.8	2.3	0.5	2.8
Cypress	1.4	1.5	0.3	0.2	negl.	0.6
All species	20.2	18.7	9.9	6.8	1.3	8.6
Cypress types:						
Pines	1.4	1.0	0.9	0.2	0.7	1.0
Pulping hardwoods	2.4	2.5	2.6	0.7	0.6	2.0
Nonpulping hardwoods	0.6	0.2	0.4	-	negl.	0.3
Cypress	16.2	11.8	12.8	7.7	3.6	11.3
All species	20.6	15.5	16.7	8.6	4.9	14.6
All types (weighted averages):						
Turpentine pine:						
Round	3.3	1.3	3.9	2.4	1.5	1.9
Worked	1.2	2.2	3.6	3.0	0.6	1.4
Nonturpentine pines	1.7	0.5	1.6	2.3	0.2	0.7
Pulping hardwoods	5.9	4.1	1.0	1.4	0.2	1.3
Nonpulping hardwoods	3.5	1.7	0.5	0.6	0.2	0.7
Cypress	4.6	3.1	0.9	1.0	0.2	1.1
All species	20.2	12.9	11.5	10.7	2.9	7.1

1/ Does not include areas of reproduction or clear-cut forest conditions.
2/ Includes areas of reproduction and clear-cut forest conditions.

FLORIDA UNIT NO. 2

Table 5.—Net volume on the average acre by species-group, forest type-group, and forest condition

Forest type and species-group	Board-foot volume based on International 1/4-inch rule						Cordwood volume of good trees, including bark					
	Old growth		Second growth			All conditions 2/	Old growth		Second growth			All conditions 2/
	Uncut	Partly cut	Sawlog size: Uncut	Sawlog size: Partly cut	Under sawlog size 1/		Uncut	Partly cut	Sawlog size: Uncut	Sawlog size: Partly cut	Under sawlog size 1/	
	Board feet						Cords					
Turpentine pine types:												
Turpentine pine:												
Round	1,965	852	813	499	65	273	5.4	2.6	4.0	2.6	1.2	1.5
Worked	1,826	1,363	1,046	803	130	375	4.9	4.0	4.4	3.4	0.9	1.5
Nonturpentine pines	97	44	122	69	8	27	0.3	0.1	0.4	0.2	negl.	0.1
Pulping hardwoods	70	44	40	23	1	12	1.4	0.7	0.7	0.6	0.1	0.2
Nonpulping hardwoods	11	22	15	19	5	6	0.1	0.2	0.1	0.2	0.1	0.1
Cypress	321	178	60	180	7	38	1.0	0.7	0.2	0.6	negl.	0.1
All species	4,290	2,503	2,096	1,598	216	731	13.1	8.3	9.8	7.6	2.3	3.5
Nonturpentine pine types:												
Turpentine pines	330	270	188	201	37	135	0.8	0.7	0.7	0.7	0.2	0.5
Nonturpentine pines	4,810	2,543	3,795	2,638	240	2,031	12.4	6.9	11.9	8.0	2.2	6.5
Pulping hardwoods	769	431	228	161	32	183	4.7	2.8	2.4	1.9	0.6	1.6
Nonpulping hardwoods	296	542	133	142	33	132	2.2	2.0	1.2	1.0	0.5	1.0
Cypress	184	49	6	11	1	19	0.5	0.2	negl.	negl.	negl.	0.1
All species	6,389	3,835	4,350	3,153	343	2,500	20.6	12.6	16.2	11.6	3.5	9.7
Hardwood types:												
Pines	164	120	163	127	34	71	0.5	0.4	0.5	0.9	0.2	0.3
Pulping hardwoods	3,185	2,316	1,388	1,137	52	926	14.5	10.9	9.4	5.3	1.3	5.0
Nonpulping hardwoods	1,993	1,244	1,282	628	21	556	6.8	5.0	6.8	4.0	0.5	2.4
Cypress	156	211	146	-	10	72	0.4	0.5	0.5	-	negl.	0.2
All species	5,498	3,891	2,979	1,892	117	1,625	22.2	16.8	17.2	10.2	2.0	7.9
Cypress types:												
Pines	116	46	175	-	63	73	0.5	0.3	0.7	-	0.2	0.3
Pulping hardwoods	997	1,990	456	412	348	1,223	5.1	10.0	4.5	5.8	5.2	6.9
Nonpulping hardwoods	257	151	-	-	19	129	1.7	1.1	1.2	-	0.4	1.0
Cypress	3,314	1,900	2,194	1,294	214	1,831	11.6	5.5	11.6	6.1	2.0	6.4
All species	4,684	4,087	2,825	1,706	644	3,256	18.9	16.9	18.0	11.9	7.8	14.6
All types (weighted averages):												
Turpentine pine:												
Round	848	393	577	311	47	197	2.3	1.2	2.8	1.6	0.8	1.1
Worked	763	614	743	469	92	265	2.0	1.8	3.1	1.9	0.6	1.0
Nonturpentine pines	514	225	876	1,011	25	200	1.4	0.6	2.8	3.1	0.2	0.6
Pulping hardwoods	1,418	1,144	206	170	20	247	7.1	5.8	1.9	1.5	0.4	1.5
Nonpulping hardwoods	812	503	151	111	11	129	3.0	2.1	1.0	0.8	0.2	0.6
Cypress	624	428	101	118	9	103	2.1	1.3	0.4	0.4	0.1	0.4
All species	4,979	3,307	2,654	2,190	204	1,141	17.9	12.8	12.0	9.3	2.3	5.2

1/ Does not include areas of reproduction or clear-cut forest conditions.
2/ Includes areas of reproduction and clear-cut forest conditions.

Table 6.—Net volume on the average acre by species-group, forest type-group, and forest condition

Board-foot volume based on International 1/4-inch rule

Forest type and species-group	Old growth		Second growth			All conditions 2/
	Uncut	Partly cut	Sawlog size: Uncut	Sawlog size: Partly cut	Under sawlog size 1/	
	Board feet					
Turpentine pine types:						
Turpentine pine:						
Round	2,386	1,187	1,648	1,033	149	332
Worked	1,273	659	481	393	63	140
Nonturpentine pines	4	1	22	23	2	3
Pulping hardwoods	30	8	25	9	-	4
Nonpulping hardwoods	4	10	13	1	negl.	2
Cypress	80	25	33	42	1	7
All species	3,782	1,890	2,222	1,501	215	488
Nonturpentine pine types:						
Turpentine pines	184	-	110	131	17	44
Nonturpentine pines	6,224	1,960	2,129	1,533	115	852
Pulping hardwoods	225	-	181	56	-	52
Nonpulping hardwoods	61	-	52	-	-	14
Cypress	-	-	7	-	-	2
All species	6,694	1,960	2,479	1,720	132	964
Hardwood types:						
Pines	10	17	61	67	12	29
Pulping hardwoods	2,777	2,172	666	834	45	441
Nonpulping hardwoods	1,825	1,094	448	960	32	293
Cypress	-	57	11	9	4	8
All species	4,612	3,240	1,186	1,870	93	771
Cypress types:						
Pines	49	7	57	39	6	31
Pulping hardwoods	985	666	278	195	17	337
Nonpulping hardwoods	68	118	66	43	-	49
Cypress	3,911	2,510	1,925	1,700	182	1,644
All species	5,013	3,301	2,326	1,977	205	2,061
All types (weighted averages):						
Turpentine pine:						
Round	1,676	740	930	728	107	273
Worked	891	409	268	288	45	115
Nonturpentine pines	131	24	128	103	6	28
Pulping hardwoods	458	441	235	130	10	69
Nonpulping hardwoods	175	174	137	116	6	35
Cypress	824	626	269	253	14	100
All species	4,155	2,414	1,977	1,618	188	620

Cordwood volume of good trees, including bark

Forest type and species-group	Old growth		Second growth			All conditions 2/
	Uncut	Partly cut	Sawlog size: Uncut	Sawlog size: Partly cut	Under sawlog size 1/	
	Cords					
Turpentine pine types:						
Turpentine pine:						
Round	6.1	3.3	6.7	4.1	1.7	1.4
Worked	3.1	1.8	1.8	1.4	0.3	0.5
Nonturpentine pines	negl.	negl.	0.1	0.1	negl.	negl.
Pulping hardwoods	0.1	0.1	0.4	0.2	negl.	0.1
Nonpulping hardwoods	0.1	0.1	0.1	negl.	negl.	negl.
Cypress	0.3	0.1	0.3	0.2	negl.	negl.
All species	9.7	5.4	9.4	6.0	2.0	2.0
Nonturpentine pine types:						
Turpentine pines	0.4	-	0.4	0.5	0.1	0.1
Nonturpentine pines	15.2	4.6	7.1	4.6	1.3	3.0
Pulping hardwoods	2.8	-	1.6	0.6	-	0.5
Nonpulping hardwoods	0.7	-	0.2	0.4	-	0.1
Cypress	-	-	negl.	-	-	negl.
All species	19.1	4.6	9.3	6.1	1.4	3.7
Hardwood types:						
Pines	0.1	0.1	0.3	0.2	negl.	0.1
Pulping hardwoods	12.0	8.3	4.3	6.1	1.4	3.0
Nonpulping hardwoods	6.0	4.9	2.3	4.0	0.7	1.6
Cypress	-	0.1	0.1	0.1	negl.	negl.
All species	18.1	13.4	7.0	10.4	2.1	4.7
Cypress types:						
Pines	0.2	0.2	0.3	0.3	negl.	0.2
Pulping hardwoods	5.9	4.2	2.4	1.6	0.9	2.5
Nonpulping hardwoods	0.7	0.9	0.8	0.6	0.3	0.6
Cypress	14.4	9.7	12.2	11.4	4.2	9.1
All species	21.2	15.0	15.7	13.9	5.4	12.4
All types (weighted averages):						
Turpentine pine:						
Round	4.3	2.1	3.7	2.9	1.2	1.2
Worked	2.2	1.1	1.0	1.0	0.2	0.4
Nonturpentine pines	0.3	0.1	0.5	0.3	0.1	0.1
Pulping hardwoods	2.3	2.1	1.8	1.0	0.3	0.5
Nonpulping hardwoods	0.7	0.9	0.8	0.6	0.2	0.2
Cypress	3.1	2.4	1.8	1.7	0.3	0.6
All species	12.9	8.7	9.6	7.5	2.3	3.0

1/ Does not include areas of reproduction or clear-cut forest conditions.
2/ Includes areas of reproduction and clear-cut forest conditions.

Table 7.--Net volume on the average acre by species-group, forest type-group, and forest condition

Board-foot volume based on International 1/4-inch rule

Forest type and species-group	Old growth		Second growth			All conditions 2/
	Uncut	Partly cut	Sawlog size: Uncut	Sawlog size: Partly cut	Under sawlog size 1/	
	Board feet					
Turpentine pine types:						
Turpentine pine:						
Round	4,014	1,482	1,162	1,093	113	587
Worked	4,381	1,679	948	549	95	562
Nonturpentine pines	261	129	111	52	11	49
Pulping hardwoods	648	126	72	83	7	51
Nonpulping hardwoods	126	64	14	37	6	19
Cypress	98	14	7	14	4	8
All species	9,528	3,494	2,314	1,828	236	1,276
Nonturpentine pine types:						
Turpentine pines	40	294	308	173	57	182
Nonturpentine pines	4,528	2,980	3,346	3,549	255	2,302
Pulping hardwoods	1,384	310	264	313	72	263
Nonpulping hardwoods	1,056	339	187	194	45	197
Cypress	-	-	-	-	8	2
All species	7,008	3,923	4,105	4,229	437	2,946
Hardwood types:						
Pines	464	128	170	70	63	141
Pulping hardwoods	3,138	1,979	1,281	901	75	972
Nonpulping hardwoods	1,452	1,379	566	761	51	543
Cypress	86	176	5	-	8	48
All species	5,140	3,662	2,022	1,732	197	1,704
Cypress types:						
Pines	-	23	-	-	12	14
Pulping hardwoods	5,286	1,645	-	-	424	2,106
Nonpulping hardwoods	250	207	-	-	-	152
Cypress	3,914	819	-	-	198	1,347
All species	9,450	2,694	-	-	634	3,619
All types (weighted averages):						
Turpentine pine:						
Round	1,565	1,026	917	599	84	448
Worked	1,689	1,156	741	300	76	427
Nonturpentine pines	624	321	634	1,532	30	249
Pulping hardwoods	2,245	576	197	241	30	251
Nonpulping hardwoods	803	336	86	157	18	117
Cypress	441	92	6	7	8	40
All species	7,367	3,507	2,581	2,836	246	1,532

Cordwood volume of good trees, including bark

Forest type and species-group	Old growth		Second growth			All conditions 2/
	Uncut	Partly cut	Sawlog size: Uncut	Sawlog size: Partly cut	Under sawlog size 1/	
	Cords					
Turpentine pine types:						
Turpentine pine:						
Round	11.3	4.5	5.7	4.7	1.7	2.7
Worked	10.2	4.1	3.7	1.8	0.6	1.8
Nonturpentine pines	0.8	0.5	0.4	0.2	0.1	0.2
Pulping hardwoods	7.9	1.2	1.1	0.9	0.1	0.6
Nonpulping hardwoods	0.5	0.3	0.2	0.4	0.1	0.2
Cypress	0.3	0.1	negl.	0.1	negl.	negl.
All species	31.0	10.7	11.1	8.1	2.6	5.5
Nonturpentine pine types:						
Turpentine pines	0.1	0.8	1.1	0.7	0.3	0.7
Nonturpentine pines	11.2	8.5	11.3	10.7	2.1	7.5
Pulping hardwoods	7.7	2.9	2.2	2.2	0.9	2.0
Nonpulping hardwoods	3.1	2.4	1.5	1.0	0.8	1.4
Cypress	-	-	negl.	-	negl.	negl.
All species	22.1	14.6	16.1	14.6	4.1	11.6
Hardwood types:						
Pines	1.2	0.4	0.8	0.3	0.2	0.4
Pulping hardwoods	13.6	8.4	9.1	6.3	1.4	5.1
Nonpulping hardwoods	5.2	4.7	2.9	6.2	0.6	2.3
Cypress	0.3	0.5	negl.	-	negl.	0.2
All species	20.3	14.0	12.8	12.8	2.2	8.0
Cypress types:						
Pines	-	0.4	-	-	negl.	0.2
Pulping hardwoods	17.6	9.7	-	-	9.1	11.1
Nonpulping hardwoods	1.2	1.3	-	-	0.5	1.0
Cypress	8.6	2.5	-	-	0.8	3.4
All species	27.4	13.9	-	-	10.4	15.7
All types (weighted averages):						
Turpentine pine:						
Round	4.4	3.1	4.4	2.5	1.2	2.1
Worked	3.9	2.9	2.9	1.0	0.5	1.4
Nonturpentine pines	1.6	1.0	2.2	4.7	0.2	0.8
Pulping hardwoods	11.3	3.2	1.9	1.9	0.5	1.6
Nonpulping hardwoods	2.9	1.3	0.6	1.1	0.3	0.6
Cypress	1.1	0.3	negl.	negl.	negl.	0.1
All species	25.2	11.8	12.0	11.2	2.7	6.6

1/ Does not include areas of reproduction or clear-cut forest conditions.
2/ Includes areas of reproduction and clear-cut forest conditions.

MISSISSIPPI UNIT NO. 4 AND LOUISIANA UNIT NO. 4

Table 8.--Net volume on the average acre by species-group, forest type-group, and forest condition

Forest type and species-group	Board-foot volume based on International 1/4-inch rule						Cordwood volume of good trees, including bark					
	Old growth		Second growth			All conditions 2/	Old growth		Second growtn			All conditions 2/
	Uncut	Partly cut	Sawlog size		Under sawlog size 1/		Uncut	Partly cut	Sawlog size		Under sawlog size 1/	
			Uncut	Partly cut					Uncut	Partly cut		
	Board feet						Cords					
Turpentine pine types:												
Turpentine pine:												
Round	5,850	1,430	1,304	901	148	391	14.3	4.0	5.2	4.4	1.2	1.6
Worked	8,028	1,254	537	548	34	271	16.9	2.8	1.8	1.9	0.2	0.7
Nonturpentine pines	62	105	155	116	22	35	0.2	0.4	0.6	0.4	0.1	0.1
Pulping hardwoods	739	305	179	123	9	55	6.7	2.7	2.1	2.1	0.2	0.6
Nonpulping hardwoods	44	24	38	59	8	11	0.3	0.4	0.3	0.4	0.2	0.2
Cypress	312	20	24	69	5	12	1.2	0.1	0.1	0.2	negl.	0.1
All species	15,035	3,138	2,237	1,816	226	775	39.6	10.4	10.1	9.4	1.9	3.3
Nonturpentine pine types:												
Turpentine pines	232	70	93	51	21	60	0.7	0.2	0.3	0.2	0.1	0.2
Nonturpentine pines	6,768	2,885	3,390	2,972	270	2,046	16.6	7.7	11.4	9.7	2.4	7.2
Pulping hardwoods	1,799	1,415	415	353	76	329	7.9	7.0	3.0	2.5	1.1	2.4
Nonpulping hardwoods	687	797	226	248	81	195	3.3	3.0	1.7	2.2	1.0	1.5
Cypress	-	6	7	-	-	3	-	negl.	negl.	-	negl.	negl.
All species	9,486	5,173	4,131	3,624	448	2,633	28.5	17.9	16.4	14.6	4.6	11.3
Hardwood types:												
Pines	211	162	201	180	19	105	0.7	0.8	0.9	0.8	0.1	0.4
Pulping hardwoods	4,852	2,183	2,006	1,856	81	1,443	16.7	8.7	11.6	9.1	1.2	6.4
Nonpulping hardwoods	1,561	1,512	759	635	91	689	5.5	5.4	3.8	3.5	1.4	3.1
Cypress	259	65	28	57	6	53	0.7	0.2	0.1	0.2	negl.	0.2
All species	6,883	3,922	2,994	2,728	197	2,290	23.6	15.1	16.4	13.6	2.7	10.1
Cypress types:												
Pines	22	210	-	250	-	86	0.1	0.5	0.1	0.8	-	0.2
Pulping hardwoods	8,563	2,921	1,963	1,344	150	4,049	29.6	12.0	7.3	7.2	5.5	15.3
Nonpulping hardwoods	304	351	389	500	-	291	1.8	1.7	2.8	2.2	0.4	1.7
Cypress	5,963	3,193	926	1,594	200	3,153	11.8	8.4	3.3	5.6	3.9	7.6
All species	14,852	6,675	3,278	3,688	350	7,579	43.3	22.6	13.5	15.8	9.8	24.8
All types (weighted averages):												
Turpentine pine:												
Round	1,150	570	380	370	80	223	2.8	1.6	1.5	1.8	0.7	0.9
Worked	1,520	485	146	213	19	147	3.2	1.1	0.5	0.7	0.1	0.4
Nonturpentine pines	972	486	2,068	1,456	88	586	2.5	1.5	6.9	4.8	0.7	2.1
Pulping hardwoods	3,913	1,373	602	487	43	423	14.5	6.2	4.1	3.3	0.7	2.3
Nonpulping hardwoods	1,091	822	259	233	46	194	4.0	3.1	1.7	1.7	0.7	1.1
Cypress	574	100	18	52	4	38	1.4	0.3	0.1	0.2	negl.	0.1
All species	9,220	3,836	3,473	2,811	280	1,611	28.4	13.8	14.8	12.5	2.9	6.9

1/ Does not include areas of reproduction or clear-cut forest conditions.
2/ Includes areas of reproduction and clear-cut forest conditions.

APPENDIX

Forest area classified according to forest type-group and condition

Table 1.--SOUTH CAROLINA UNIT NO. 1

Forest condition		Forest type-group				All type-groups	
		Turpentine pine	Nonturpentine pine	Hardwood	Cypress		
				Acres			Percent
Old growth:	Uncut	16,100	103,600	80,400	17,700	217,800	7.3
	Partly cut	61,800	66,800	83,600	21,700	233,900	7.8
Second growth:							
Sawlog size:	Uncut	327,100	524,100	216,200	39,300	1,106,700	37.0
	Partly cut	29,700	159,900	27,300	10,500	227,400	7.6
Under sawlog size		461,500	293,300	210,500	30,500	995,800	33.2
Reproduction		53,800	73,100	65,100	2,500	194,500	6.5
Clear-cut		8,900	3,200	1,600	3,200	16,900	0.6
All conditions		958,900	1,224,000	684,700	125,400	2,993,000	100.0
Percent of total forest area		32.0	40.9	22.9	4.2	100.0	

Table 2.--GEORGIA UNIT NO. 1

Forest condition		Forest type-group				All type-groups	
		Turpentine pine	Nonturpentine pine	Hardwood	Cypress		
				Acres			Percent
Old growth:	Uncut	105,100	82,500	202,300	28,800	418,700	5.9
	Partly cut	420,300	98,100	106,600	69,300	694,300	9.9
Second growth:							
Sawlog size:	Uncut	1,461,600	375,900	207,100	28,800	2,073,400	29.4
	Partly cut	192,300	111,300	38,100	-	341,700	4.8
Under sawlog size		2,015,100	226,500	250,500	50,600	2,542,700	36.0
Reproduction		418,000	60,700	36,600	6,200	521,500	7.4
Clear-cut		448,200	7,800	4,000	3,900	463,900	6.6
All conditions		5,060,600	962,800	845,200	187,600	7,056,200	100.0
Percent of total forest area		71.7	13.6	12.0	2.7	100.0	

Forest area classified according to forest type-group and condition

Table 3.--GEORGIA UNIT NO. 2

Forest condition		Forest type-group				All type-groups	
		Turpentine pine	Nonturpentine pine	Hardwood	Cypress		
		- - - - - - - - - - - -		Acres		- - - - - - - - - - - -	Percent
Old growth:	Uncut	20,800	29,500	41,600	4,800	96,700	3.2
	Partly cut	245,300	51,800	84,700	24,800	406,600	13.5
Second growth:							
Sawlog size:	Uncut	579,900	167,000	55,900	4,800	807,600	26.8
	Partly cut	87,800	32,800	11,200	4,000	135,800	4.5
Under sawlog size		815,700	144,700	166,800	21,500	1,148,700	38.1
Reproduction		131,900	18,300	17,600	1,600	169,400	5.6
Clear-cut		234,000	4,800	4,000	6,400	249,200	8.3
All conditions		2,115,400	448,900	381,800	67,900	3,014,000	100.0
Percent of total forest area		70.2	14.9	12.6	2.3	100.0	

Table 4.--FLORIDA UNIT NO. 1

Forest condition		Forest type-group				All type-groups	
		Turpentine pine	Nonturpentine pine	Hardwood	Cypress		
		- - - - - - - - - - - -		Acres		- - - - - - - - - - - -	Percent
Old growth:	Uncut	174,200	77,300	261,800	123,800	637,100	8.7
	Partly cut	429,700	49,600	240,500	150,600	870,400	12.0
Second growth:							
Sawlog size:	Uncut	1,183,400	191,600	94,600	43,400	1,513,000	20.7
	Partly cut	91,400	39,400	7,900	7,900	146,600	2.0
Under sawlog size		1,849,600	149,000	622,900	68,600	2,690,100	36.9
Reproduction		217,700	44,900	102,500	8,600	373,700	5.1
Clear-cut		1,001,400	33,200	22,000	10,200	1,066,800	14.6
All conditions		4,947,400	585,000	1,352,200	413,100	7,297,700	100.0
Percent of total forest area		67.8	8.0	18.5	5.7	100.0	

Forest area classified according to forest type-group and condition

Table 5.--FLORIDA UNIT NO. 2

Forest condition		Forest type-group				All type-groups	
		Turpentine pine	Nonturpentine pine	Hardwood	Cypress		
		Acres					Percent
Old growth:	Uncut	148,500	32,100	136,000	45,600	362,200	6.0
	Partly cut	283,700	44,800	226,200	92,900	647,600	10.8
Second growth:							
Sawlog size:	Uncut	524,300	157,900	67,600	16,000	765,800	12.7
	Partly cut	70,100	47,200	10,200	1,700	129,200	2.1
Under sawlog size		1,697,000	168,100	632,400	27,000	2,524,500	42.0
Reproduction		552,300	44,700	101,300	12,600	710,900	11.8
Clear-cut		846,100	14,300	10,100	6,800	877,300	14.6
All conditions		4,122,000	509,100	1,183,800	202,600	6,017,500	100.0
Percent of total forest area		68.5	8.5	19.6	3.4	100.0	

Table 6.--FLORIDA UNIT NO. 3

Forest condition		Forest type-group				All type-groups	
		Turpentine pine	Nonturpentine pine	Hardwood	Cypress		
		Acres					Percent
Old growth:	Uncut	166,600	4,900	20,600	47,000	239,100	3.9
	Partly cut	145,000	2,500	29,700	56,100	233,300	3.8
Second growth:							
Sawlog size:	Uncut	402,400	42,000	192,900	94,000	731,300	11.9
	Partly cut	136,800	10,700	22,300	25,600	195,400	3.2
Under sawlog size		1,190,500	63,500	318,200	117,800	1,690,000	27.3
Reproduction		278,600	19,000	56,900	3,300	357,800	5.8
Clear-cut		2,681,900	36,300	1,600	3,300	2,723,100	44.1
All conditions		5,001,800	178,900	642,200	347,100	6,170,000	100.0
Percent of total forest area		81.1	2.9	10.4	5.6	100.0	

Forest area classified according to forest type-group and condition

Table 7.--ALABAMA UNIT NO. 1

Forest condition		Forest type-group				All type-groups	
		Turpentine pine	Nonturpentine pine	Hardwood	Cypress		
				Acres			Percent
Old growth:	Uncut	57,000	12,500	66,400	14,000	149,900	5.0
	Partly cut	292,700	31,300	79,600	26,500	430,100	14.4
Second growth:							
Sawlog size:	Uncut	391,900	83,500	40,600	-	516,000	17.3
	Partly cut	48,300	40,600	7,100	-	96,000	3.2
Under sawlog size		912,700	77,200	252,900	17,200	1,260,000	42.2
Reproduction		207,700	12,500	8,500	800	229,500	7.7
Clear-cut		302,800	-	800	800	304,400	10.2
All conditions		2,213,100	257,600	455,900	59,300	2,985,900	100.0
Percent of total forest area		74.1	8.6	15.3	2.0	100.0	

Table 8.--MISSISSIPPI UNIT NO. 4 AND LOUISIANA UNIT NO. 4

Forest condition		Forest type-group				All type-groups	
		Turpentine pine	Nonturpentine pine	Hardwood	Cypress		
				Acres			Percent
Old growth:	Uncut	43,300	28,400	143,500	13,500	228,700	3.6
	Partly cut	228,900	77,300	275,500	11,400	593,100	9.2
Second growth:							
Sawlog size:	Uncut	322,200	746,900	190,800	5,400	1,265,300	19.7
	Partly cut	106,100	130,400	38,900	3,200	278,600	4.3
Under sawlog size		1,210,500	654,000	522,000	4,000	2,390,500	37.3
Reproduction		632,400	60,100	64,400	-	756,900	11.8
Clear-cut		865,700	23,400	9,400	3,100	901,600	14.1
All conditions		3,409,100	1,720,500	1,244,500	40,600	6,414,700	100.0
Percent of total forest area		53.2	26.8	19.4	0.6	100.0	

Types in the forest type-groups

Type-groups	Types
Turpentine pine:	longleaf pine, longleaf-slash pine, slash pine, slash pine-cypress, turpentine pine-hardwood
Nonturpentine pine:	nonturpentine pine, scrub pine, nonturpentine pine-hardwood
Hardwood:	bottomland and swamp hardwood, upland hardwood, scrub oak-scrub hardwoods
Cypress:	cypress-gum

Species in the species-groups

Species-groups	Species
Pines:	
Turpentine pine:	longleaf and slash pines
Round - not yet worked for naval stores	
Worked - working, resting, or worked out for naval stores	
Nonturpentine pine:	loblolly, shortleaf, pond, sand, and spruce pines
Hardwoods:	
Pulping hardwoods:	red gum, black gum, bay, soft maple, magnolia, and associated minor species
Nonpulping hardwoods:	red oaks, white oaks, ash, elm, hickory, holly, persimmon, and associated minor species
Cypress:	cypress only.

Forest conditions defined

Old-growth uncut.--Old growth stands from which less than 10 percent of the volume has been cut.

Old-growth partly cut:--Old growth stands from which 10 percent or more of the volume has been cut, but in which the remaining old-growth sawtimber contains per acre at least 1,000 board feet of hardwood or hardwood and pine mixed, or 600 board feet of pine.

Second-growth sawlog-size uncut.--Second-growth stands from which less than 10 percent of the sawlog-size trees have been cut, and in which the remaining sawtimber contains at least 600 board feet per acre.

Second-growth sawlog-size partly cut.--Second-growth stands from which 10 percent or more of the sawlog-size trees have been cut, but in which the remaining sawtimber contains at least 400 board feet per acre.

Second-growth under-sawlog-size.--Second-growth stands composed predominantly of under-sawlog-size trees at least 1.0 inch d.b.h., and with less than 600 board feet of sawtimber per acre.

Reproduction.--Areas not falling into any of the other classifications and bearing per acre more than 80 seedlings less than 1 inch d.b.h.

Clear-cut.--Cut-over areas on which an insufficient quantity of young growth has come in to classify them either as second growth or as reproduction.